

OPPORTUNITY

Knowing that better management of heating costs can bring important savings, **Ottawa Community Housing (OCH)** teamed up with **Demtroys Technologies**.

BUILDING

Category: **High-rise building**
 Units: **240**
 Heated floor area: **17,848 m²**
 Levels: **20**
 Occupancy: **100%**
 Heating system type: **Electrical**



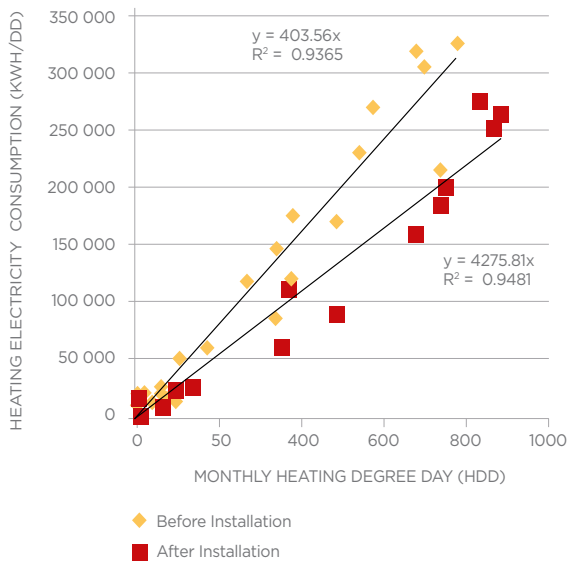
RESULTS

ECONOMIC ANALYSIS

Yearly savings and return on investment

 AMOUNT \$115 872	 ROI 0,7 YEAR	 HEATING 32%	 GREENHOUSE GAS 1 701 KG CO ² EQ
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Heating Electricity Consumption



HEATING DEGREE DAYS DEFINITION
 Heating Degree Days (HDD) are equal to the number of degrees Celsius a given day's mean temperature is below 18 °C. For example, if the daily mean temperature is 12 °C, the HDD value for that day is equal to 6 °C. If the daily mean temperature is above 18 °C, the HDD value for that day is set to zero.
 Climate Atlas of Canada

For a same heating degree day, the electricity consumption is lower after the installation of the Demtroys system.

The difference between the two slopes gives the reduction in heating consumption rate which is 31.8%.

For more details, **contact us.**

1 877 570-4272

demtroys.com